

AMENDMENTS TO THE CLAIMS

Please cancel claims 19-26 as follows:

Claim 1 (original): An optical storage medium, comprising:

- 2 a disk-like body; and
- 4 at least one optically detectable mark on the disk-like body, the at least one optically detectable mark being readable by a plurality of different optical systems configured for different types of optical storage media.

Claim 2 (original): The optical storage medium of claim 1, wherein the at least one optically detectable mark is located on a buried layer of the optical storage medium.

Claim 3 (original): The optical storage medium of claim 2, wherein the buried layer is a non-data layer of the optical storage medium.

Claim 4 (original): The optical storage medium of claim 2, wherein the buried layer is a data layer of the optical storage medium.

Claim 5 (original): The optical storage medium of claim 1, wherein the at least one optically detectable mark is located on a surface of the optical storage medium.

2 Claim 6 (original): The optical storage medium of claim 1, wherein the at least one optically detectable mark is located within a non-user-data area of the optical storage medium.

2 Claim 7 (original): The optical storage medium of claim 6, wherein the non-user-data area comprises a lead-in area of the optical storage medium.

2 Claim 8 (original): The optical storage medium of claim 6, wherein the non-user-data area comprises a lead-out area of the optical storage medium.

2 Claim 9 (original): The optical storage medium of claim 1, wherein the at least one optically detectable mark is uniform in width along an axis coinciding with a radius of the optical storage medium.

2 Claim 10 (original): The optical storage medium of claim 1, wherein the at least one optically detectable mark is shaped approximately like a sector of an annulus.

2 Claim 11 (original): The optical storage medium of claim 1, wherein the at least one optically detectable mark is trapezoidal in shape.

2 Claim 12 (original): A method for determining the type of an optical storage medium, comprising:

reading, from the optical storage medium using an optical system, at
4 least one optically detectable mark that is readable by a plurality of different
optical systems configured for different types of optical storage media; and
6 interpreting the at least one optically detectable mark to identify the
type of the optical storage medium.

Claim 13 (original): The method of claim 12, wherein the optical storage medium
2 comprises a circular disc and the at least one optically detectable mark
comprises a band of optically detectable marks disposed around a circle
4 concentric with the circumference of the optical storage medium.

Claim 14 (original): The method of claim 13, wherein the optically detectable
2 marks comprising the band are uniformly spaced.

Claim 15 (original): The method of claim 13, wherein the optically detectable
2 marks comprising the band are spaced sufficiently far apart to be detectable by
an optical system achieving a predetermined largest expected focus spot.

Claim 16 (original): The method of claim 13, wherein interpreting the at least one
2 optically detectable mark to identify the type of the optical storage medium
comprises measuring the spacing of the optically detectable marks comprising
4 the band.

Claim 17 (original): The method of claim 12, wherein interpreting the at least one
2 optically detectable mark to identify the type of the optical storage medium

comprises measuring at least one dimension of the at least one optically
4 detectable mark.

Claim 18 (original): The method of claim 12, wherein the type comprises at least
2 one of CD, DVD, Blu-ray, and AOD.

Claims 19-26 (cancelled).

Claim 27 (original): An optical device, comprising:

2 an optical system to read, from an optical storage medium, at least one
optically detectable mark that is readable by a plurality of different optical
4 systems configured for different types of optical storage media; and
logic configured to interpret the at least one optically detectable mark.

Claim 28 (original): The optical device of claim 27, wherein the optical device
2 comprises at least one of a DVD device, a CD device, a Blu-ray device, an
AOD device, and a computer optical drive.

Claim 29 (original): An optical device, comprising:

2 means for reading, from an optical storage medium, at least one
optically detectable mark that is readable by a plurality of different optical
4 systems configured for different types of optical storage media; and
means for interpreting the at least one optically detectable mark.